

glycerate 2-kinase

Cat. No. EXWM-2995

Lot. No. (See product label)

Introduction

Description

A key enzyme in the nonphosphorylative Entner-Doudoroff pathway in archaea. In the bacterium *Hyphomicrobium methylovorum* GM2 the enzyme is involved in formaldehyde assimilation I (serine pathway). In *Escherichia coli* the enzyme is involved in D-glucarate/D-galactarate degradation. The enzyme requires a divalent metal ion.

Synonyms

D-glycerate-2-kinase; glycerate kinase (2-phosphoglycerate forming); ATP:(R)-glycerate 2-phosphotransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.1.165

Reaction

ATP + D-glycerate = ADP + 2-phospho-D-glycerate

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.